L Number	Hits	Search Text	DB	Time stamp
1	335757		USPAT	2004/06/22 13:19
2	146794	reactor	USPAT	2004/06/22 13:19
3	2424	loop near3 reactor	USPAT	2004/06/22 13:19
4	1189926		USPAT	2004/06/22 13:18
		motors pump pumps bladed stirring stirrer	002711	2004/00/22 13:20
5	664	(loop near3 reactor) same (agitator	USPAT	2004/06/22 13:19
		impeller blades impellers motor motors	ODIAI	2004/00/22 13:19
		pump pumps bladed stirring stirrer)		
6	160498	vane vanes vaned baffle baffles baffled	USPAT	2004/06/22 13:20
		fin fins finned	OSIAI	2004/06/22 13:20
7	41		USPAT	2004/06/22 13:19
		vaned baffle baffles baffled fin fins	OSTAL	2004/06/22 13:19
		finned)		
8	479556	loop	USPAT;	2004/06/22 13:20
			US-PGPUB;	2004/00/22 13:20
			EPO; JPO	
9	218093	reactor	USPAT;	2004/06/22 13:20
			US-PGPUB;	2004/00/22 13:20
			EPO; JPO	
10	2283540		USPAT;	2004/06/22 13:37
	Ì	motors pump pumps bladed stirring stirrer	US-PGPUB;	2004/00/22 13.3/
			EPO; JPO	
11	245158	vane vanes vaned baffle baffles baffled	USPAT;	2004/06/22 13:20
		fin fins finned	US-PGPUB;	2004/00/22 13.20
1.0	1		EPO; JPO	
12	3165	loop near3 reactor	USPAT;	2004/06/22 13:20
			US-PGPUB;	2001/00/22 15.20
			EPO; JPO	
13	2246	(agitator impeller blades impellers motor	USPAT;	2004/06/22 13:20
		motors pump pumps bladed stirring stirrer)	US-PGPUB;	2001,00,22 13:20
		and (loop near3 reactor)	EPO; JPO	
14	352	(vane vanes vaned baffle baffles baffled	USPAT;	2004/06/22 13:20
		fin fins finned) and (loop near3 reactor)	US-PGPUB;	13.20
16	0.0.4		EPO; JPO	
15	294	((agitator impeller blades impellers motor	USPAT;	2004/06/22 13:20
		motors pump pumps bladed stirring stirrer)	US-PGPUB;	13.20
		and (loop near3 reactor)) and ((vane	EPO; JPO	
		vanes vaned baffle baffles baffled fin		
16	256090	fins finned) and (loop near3 reactor))		
10	256090	polymerization polymerize	USPAT;	2004/06/22 13:20
			US-PGPUB;	
17	83		EPO; JPO	
1,	0.5	(((agitator impeller blades impellers	USPAT;	2004/06/22 13:26
1		motor motors pump pumps bladed stirring	US-PGPUB;	
		stirrer) and (loop near3 reactor)) and	EPO; JPO	
i 1		((vane vanes vaned baffle baffles baffled		1
1		fin fins finned) and (loop near3 reactor))) and (polymerization polymerize)		
18	182870	slurry and (polymerization polymerize)	Hann	
		1	USPAT;	2004/06/22 13:26
			US-PGPUB;	
19	7304	(polymerization polymerize) with slurry	EPO; JPO	
		or	USPAT;	2004/06/22 13:26
			US-PGPUB;	1
20	743	(loop near3 reactor) and ((polymerization	EPO; JPO	
	ļ	polymerize) with slurry)	USPAT;	2004/06/22 13:26
	İ	parameter, with starry,	US-PGPUB;	
21	838	(loop near3 reactor) same (agitator	EPO; JPO	
		impeller blades impellers motor motors	USPAT;	2004/06/22 13:27
	{	pump pumps bladed stirring stirrer)	US-PGPUB;	
22	49	(loop near3 reactor) same (vane vanes	EPO; JPO	2004/05/22
	j	vaned baffle baffles baffled fin fins	USPAT;	2004/06/22 13:27
		finned)	US-PGPUB;	
23	133	((loop near3 reactor) and	EPO; JPO	2004/06/20 12 25
		((polymerization polymerize) with slurry))	USPAT;	2004/06/22 13:27
		and ((loop near3 reactor) same (agitator	US-PGPUB; EPO; JPO	
		impeller blades impellers motors	EFU; JPU	
		pump pumps bladed stirring stirrer))		

24		((loop near3 reactor) and	USPAT;	2004/06/22 13:27
		((polymerization polymerize) with slurry)) and ((loop near3 reactor) same (vane		
		vanes vaned baffle baffles baffled fin	EPO; JPO	
		fins finned))		
25	117	((table modes redector) and	USPAT;	2004/06/22 13:27
		((polymerization polymerize) with slurry))	US-PGPUB;	
		and ((loop near3 reactor) same (agitator impeller blades impellers motor motors	EPO; JPO	
		pump pumps bladed stirring stirrer))) not		
		((((agitator impeller blades impellers		
		motor motors pump pumps bladed stirring		
		stirrer) and (loop near3 reactor)) and ((vane vanes vaned baffle baffles baffled		
	1	fin fins finned) and (loop near3		
	İ	reactor))) and (polymerization		
3.6		polymerize))		
26	1303413	angle angled	USPAT;	2004/06/22 13:37
			US-PGPUB;	
27	17423	(agitator impeller blades impellers motor	EPO; JPO	
		motors pump pumps bladed stirring stirrer)	USPAT; US-PGPUB;	2004/06/22 13:38
. 0		near2 (angle angled)	EPO; JPO	
:8	2	(loop near3 reactor) and ((agitator	USPAT;	2004/06/22 13:38
		impeller blades impellers motor motors	US-PGPUB;	
		<pre>pump pumps bladed stirring stirrer) near2 (angle angled))</pre>	EPO; JPO	
9	1491125	titanium aluminum steel	USPAT;	2004/06/22 13:39
			US-PGPUB;	
0	73	(((())))	EPO; JPO	
-	1 /3	((((loop near3 reactor) and ((polymerization polymerize) with slurry))	USPAT;	2004/06/22 13:39
		and ((loop near3 reactor) same (agitator	US-PGPUB; EPO; JPO	
		impeller blades impellers motor motors	EFO, JPO	
		pump pumps bladed stirring stirrer))) not		
		((((agitator impeller blades impellers		
		motor motors pump pumps bladed stirring stirrer) and (loop near3 reactor)) and		
		((vane vanes vaned baffle baffles baffled	İ	
		fin fins finned) and (loop near3		
		reactor))) and (polymerization		
		polymerize))) and (titanium aluminum steel)		
l	51864	(agitator impeller blades impellers motor	HCDAT-	2004/06/00 == :
		motors pump pumps bladed stirring stirrer)	USPAT; US-PGPUB;	2004/06/22 13:39
,		with (titanium aluminum steel)	EPO; JPO	
2	220	, reactor reactor and reaction	USPAT;	2004/06/22 13:40
		<pre>impeller blades impellers motor motors pump pumps bladed stirring stirrer) with</pre>	US-PGPUB;	
]	(titanium aluminum steel))	EPO; JPO	
	149	slurry and ((loop near3 reactor) and	USPAT;	2004/06/22 13:40
		((agitator impeller blades impellers motor	US-PGPUB;	2001/00/22 13:40
		motors pump pumps bladed stirring stirrer	EPO; JPO	
	139392	with (titanium aluminum steel))) olefin olefins	Habra	
		OICIIIIS	USPAT;	2004/06/22 13:40
			US-PGPUB; EPO; JPO	
	128	(slurry and ((loop near3 reactor) and	USPAT;	2004/06/22 13:44
		((agitator impeller blades impellers motor	US-PGPUB;	, 00, 22 ±3.44
		motors pump pumps bladed stirring stirrer) with (titanium aluminum steel)))) and	EPO; JPO	·
	1	(olefin olefins)	ĺ	
	569	kendrick.in.	USPAT;	2004/06/22 13:44
			US-PGPUB;	2004/00/22 13:44
	1 1	hottovy.in.	EPO; JPO	
	12			
	42	noccovy.in.	USPAT;	2004/06/22 13:45
ļ	42	noccovy.in.	US-PGPUB;	2004/06/22 13:45
	42 6		US-PGPUB; EPO; JPO	
İ		(titanium aluminum steel) and hottovy.in.	US-PGPUB; EPO; JPO USPAT;	2004/06/22 13:45
			US-PGPUB; EPO; JPO	

42	1	1	USPAT	2004/06/22 15:49
43	0	("impellerbladebladedbladesagitator").PN.	USPAT;	2004/06/22 15:49
		,	US-PGPUB;	2004/00/22 15:49
			EPO; JPO	
44	446123	impeller blade bladed blades agitator	USPAT;	2004/06/22 15:50
		49204002	US-PGPUB;	2004/06/22 15:50
45	25774	bulge	EPO; JPO	100011001
		,	USPAT;	2004/06/22 15:50
			US-PGPUB;	
46	348	(impollor blade blade blade)	EPO; JPO	
1.0	340	(USPAT;	2004/06/22 15:50
		with bulge	US-PGPUB;	
47	777404		EPO; JPO	1
4 /	777434	curve curved	USPAT;	2004/06/22 15:50
1			US-PGPUB;	100,00,22 10.00
			EPO; JPO	1
48	136		USPAT;	2004/06/22 15:50
}	1 .	with bulge) and (curve curved)	US-PGPUB;	2004/06/22 15:50
	,			ļ
49	250285	polymerization	EPO; JPO	000.455455
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	USPAT;	2004/06/22 15:50
}			US-PGPUB;	
50	6	///impoller blad 12 1 2 2 2 2 2	EPO; JPO	
	0	(((impeller blade bladed blades agitator)	USPAT;	2004/06/22 15:52
		with bulge) and (curve curved)) and	US-PGPUB;	
51		polymerization	EPO; JPO	1
51	208	mixed adj pump	USPAT;	2004/06/22 15:52
			US-PGPUB;	2003/00/22 13:32
İ			EPO; JPO	
52	0	bulge with (mixed adj pump)		2004/25/22
		y (manage day pamp)	USPAT;	2004/06/22 15:52
			US-PGPUB;	
53	5	(impoller blade bladed blade	EPO; JPO	
		(impeller blade bladed blades agitator)	USPAT;	2004/06/22 15:52
		with (mixed adj pump)	US-PGPUB;	
_		WO 4044.559 4	EPO; JPO	
-	6	US-4211863-\$.DID. OR US-5183866-\$.DID. OR	USPAT	2004/06/22 13:18
İ		US-538/659-\$.DID. OR US-5565175-\$.DID OR		2001/00/22 15.16
		US-6042790-\$.DID. OR US-6239235-\$ DID		
-	5	(("5575979") or ("4613484") or ("3565588")	USPAT	2004/05/10 15 10
	1	or ("4740550") or ("3324093")).PN.	OSEAL	2004/06/12 17:19
_	2	(("6319997") or ("6281300")).PN.		1
_	334872	loop	USPAT	2004/06/14 10:15
 	146591	reactor	USPAT	2004/06/14 10:21
	11913	loop near3 "4"	USPAT	2004/06/14 10:21
_	160966		USPAT	2004/06/14 16:34
	37501	agitator impeller blades	USPAT	2004/06/22 13:18
_	i I	vanes	USPAT	2004/06/14 10:17
	18	(loop near3 "4") with (agitator impeller	USPAT	2004/06/14 10:17
_		blades)		-202,00,14 10.1/
_	35	(loop near3 "4") same (agitator impeller	USPAT	2004/06/14 10 17
		blades)	COLMI	2004/06/14 10:17
-	377	(loop near3 "4") and (agitator impeller	HCDAW.	2004/06/1
		blades)	USPAT	2004/06/14 10:18
-		polymerization	II.C.D.T.	
_		((loop near3 "4") and (agitator impeller	USPAT	2004/06/14 10:21
	1	blades // and malana (agitator impeller	USPAT	2004/06/14 10:18
_	2420	blades)) and polymerization		
_	2420	loop near3 reactor	USPAT	2004/06/14 10:19
	44	(agitator impeller blades) with (loop	USPAT	2004/06/14 10:19
_	1 1	near3 reactor)		10.19
•	30	polymerization and ((agitator impeller	USPAT	2004/06/14 10:19
]	blades) with (loop near3 reactor))	- ~	7004/00/14 IO:18
	/4128	loop	HC-DCDHD	2004/06/1
-		reactor	US-PGPUB	2004/06/14 10:21
_		agitator impeller blades	US-PGPUB	2004/06/14 10:21
		polymerization	US-PGPUB	2004/06/14 10:21
-	534	loop near3 reactor	US-PGPUB	2004/06/14 10:21
_	94	(agitator impoller black	US-PGPUB	2004/06/14 10:21
	24	(agitator impeller blades) and	US-PGPUB	2004/06/14 10:22
_	[[]	polymerization and (loop near3 reactor)		10.22
	45	((agitator impeller blades) same	US-PGPUB	2004/06/14 10:22
j		polymerization) and (loop near3 reactor)	-2 10100	2004/00/14 IU:22
-		(("6281300") or ("6319997")) pN	USPAT	2004/06/11: 1-
-	2	(("20030229187") or ("6239235")).PN.		2004/06/14 13:45
		(323233 //.EN.	USPAT;	2004/06/14 13:46
	<u>-</u> -		US-PGPUB	

_					
	-	25	hottovy.in.	USPAT;	2004/06/14 13:47
	-	450	kendrick.in.	US-PGPUB USPAT; US-PGPUB	2004/06/14 13:48
	-	191402	polymerization	USPAT; US-PGPUB	2004/06/14 13:48
		26	kendrick.in. and polymerization	USPAT; US-PGPUB	2004/06/14 13:48
	-	11913	loop near3 "4"	USPAT	2004/05/11 45 55
	_	52231		ľ	2004/06/14 16:35
	-	134		USPAT	2004/06/14 16:34
	_	477517	agitator impeller blades mixer stirring	USPAT	2004/06/14 16:34
	_	42	//loop poar? "A") and /	USPAT	2004/06/14 16:35
İ		1	Trees nouse a fand trane valles if and	USPAT	2004/06/14 16:35
	_	1151	(agitator impeller blades mixer stirring)		
		1131	loop near3 (agitator impeller blades mixer stirring)	USPAT; US-PGPUB;	2004/06/14 17:01
				EPO; JPO	
	_	237918	vane vanes baffle baffles fin fins	USPAT;	2004/06/14 16:35
				US-PGPUB;	2004/06/14 16:35
1.	_	394261	agitator impoller mineralla anno	EPO; JPO	
-		331201	agitator impeller mixer bladed blades	USPAT;	2004/06/14 16:35
1				US-PGPUB;	
	_	7.5		EPO; JPO	
	•	75	l (t wors /gdregeor ruberrer Digues	USPAT;	2004/06/14 16:36
			mixer stirring)) and (vane vanes baffle	US-PGPUB;	1 20.50
			baffles fin fins) and (agitator impeller mixer bladed blades)	EPO; JPO	
-	-	255479	polymerization polymerize	HODAM	000110-111
			r r	USPAT; US-PGPUB;	2004/06/14 17:13
_	_	13	//1000 00002 / 11 /	EPO; JPO	
		1 +3		USPAT;	2004/06/14 16:36
1]	mixer stirring)) and (vane vanes baffle	US-PGPUB;	
ĺ			baffles fin fins) and (agitator impeller	EPO; JPO	
			mixer bladed blades)) and (polymerization		
			polymerize)		1
-	•	62	((loop near3 (agitator impeller blades	USPAT;	2004/06/14 16:38
			mixer stirring)) and (vane vanes baffle	US-PGPUB;	2004/06/14 16:38
			battles fin fins) and (agitator impeller	EPO; JPO	
ł			mixer bladed blades)) not (polymerization	EFO, OPO	1
			polymerize)		
-		76	(loop near3 (agitator impeller blades		
			mixer stirring)) and (vane vanes baffle	USPAT;	2004/06/14 16:38
1			baffles fin fins)	US-PGPUB;	
-		1	((loop pear? (agitater inval)	EPO; JPO	
ŀ		1	((loop near3 (agitator impeller blades	USPAT;	2004/06/14 16:38
		1	mixer stirring)) and (vane vanes baffle	US-PGPUB;	
			baffles fin fins)) not ((loop near3	EPO; JPO	
		l i	(agitator impeller blades mixer stirring))		
ĺ			and (vane vanes baffle baffles fin fins)		
			and (agitator impeller mixer bladed		
		i i	blades))		
_		2	(("6281300") or ("6319997")).PN.	USPAT	2004/06/14 16:58
-		33	("2285721" "2825721" "2915513"	USPAT	2004/06/14 16:58
			"3152872" "3293000" "3324093"	ODIAI	2004/06/14 16:38
			"3625658" "3816383" "3858943"		
	i		"3956061" "4007321" "4121029"		
	l		"4199546" "4372758" "4395523"	i	•
			"4424341" "4461889" "4501885"		
			U4E000E3# 1 #451545		
					ļ
		1	"4690804" "4737280" "4794151" "5183866" "5207929" "5292863"		
	1		3232003		
	- 1		1 33031/3		i
_	- 1		"5575979" "5597892" "6239235").PN.		
			OUT JUST . UKEN.	USPAT	2004/06/14 16:41

-	3.	1 5152072	USPAT	2004/06/14 16:41
		"3293000" "3324093" "3625658"		
	Ì	"3816383" "3858943" "3956061"		
		"4007321" "4121029" "4199546"		
		"4372758" "4395523" "4424341"		
		"4461889" "4501885" "4589957"		
		"4613484" "4632976" "4690804"		
		"4737280" "4794151" "5183866"		
		"5207929" "5292863" "5391656"		
		"5455314" "5565175" "5575979" "5597892").PN.		
_	2	,		1
_			USPAT	2004/06/14 16:42
_	62884		USPAT	2004/06/14 17:00
	02001	impelier agreator	USPAT;	2004/06/14 17:00
_	1054199	titanium aluminum steel	US-PGPUB	
		creaming arminima sceen	USPAT;	2004/06/14 17:00
_	3399	(impeller agitator) with (titanium	US-PGPUB	
		aluminum steel)	USPAT;	2004/06/14 17:00
_	1107		US-PGPUB	
		agitator) with (titanium aluminum steel))		2004/06/14 17:03
_	3152	loop near3 reactor	US-PGPUB	
		F HOULD LOUGH	USPAT;	2004/06/14 17:01
			US-PGPUB;	
_	141	(loop near3 reactor) and (vane vanes	EPO; JPO	
	1	baffle baffles fin fins) and (agitator	USPAT;	2004/06/14 17:01
		impeller mixer bladed blades)	US-PGPUB;	
-	131	((loop near3 reactor) and (vane vanes	EPO; JPO	2004/05/44 25 24
		baffle baffles fin fins) and (agitator	USPAT;	2004/06/14 17:01
		impeller mixer bladed blades)) not ((loop	US-PGPUB; EPO; JPO	
		near3 (agitator impeller blades mixer	EPO; JPO	
		stirring)) and (vane vanes baffle baffles		
		fin fins) and (agitator impeller mixer		
	-	bladed blades))		1
_	35	(((loop near3 reactor) and (vane vanes	USPAT;	2004/06/14 17 07
	1.	baffle baffles fin fins) and (agitator	US-PGPUB;	2004/06/14 17:01
		impeller mixer bladed blades)) not ((loop	EPO; JPO	
		near3 (agitator impeller blades mixer	EFO, UPO	
		stirring)) and (vane vanes baffle baffles		
		Iln Ilns) and (agitator impeller mixer		
		bladed blades))) and (polymerization		
		polymerize)		
_	19	(loop near3 reactor) and ((impeller	USPAT;	2004/06/14 17:13
		agitator) with (titanium aluminum steell)	US-PGPUB	2004/06/14 17:13
_	106266	olefin olefins	USPAT;	2004/06/14 17:13
			US-PGPUB	2004/00/14 17:13
-	290588	polymerization polymerize polymerized	USPAT;	2004/06/14 17:13
		- ·	US-PGPUB;	2004/00/14 17:13
			EPO; JPO	
_	19398	(olefin olefins) with (polymerization	USPAT;	2004/06/14 17:15
		polymerize polymerized)	US-PGPUB;	-001,00,14 17:15
	0.5		EPO; JPO	1
-	217647	reactor	USPAT;	2004/06/14 17:15
			US-PGPUB;	2001/00/14 1/:15
			EPO; JPO	
	11683	(titanium aluminum steel) near3 reactor	USPAT;	2004/06/14 17:15
	1		US-PGPUB;	-001/00/14 1/:15
			P.PO: JPO	
	1563	((olefin olefins) with (polymerization	EPO; JPO	2004/06/14 17:15
	1563	((olefin olefins) with (polymerization polymerize polymerized)) and ((titanium	USPAT;	2004/06/14 17:15
		polymerize polymerized)) and ((titanium aluminum steel) near3 reactor)	USPAT; US-PGPUB;	2004/06/14 17:15
	1563 1334137	((olefin olefins) with (polymerization polymerize polymerized)) and ((titanium aluminum steel) near3 reactor) construction	USPAT; US-PGPUB; EPO; JPO	
		polymerize polymerized)) and ((titanium aluminum steel) near3 reactor)	USPAT; US-PGPUB; EPO; JPO USPAT;	2004/06/14 17:15
	1334137	polymerize polymerized)) and ((titanium aluminum steel) near3 reactor) construction	USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB;	
	1334137	polymerize polymerized)) and ((titanium aluminum steel) near3 reactor) construction (((olefin olefins) with (polymerization)	USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:15
	1334137 85	polymerize polymerized)) and ((titanium aluminum steel) near3 reactor) construction (((olefin olefins) with (polymerization polymerize polymerized)) and ((titanium polymerize polymerized))	USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO USPAT;	
	1334137 85	polymerize polymerized)) and ((titanium aluminum steel) near3 reactor) construction (((olefin olefins) with (polymerization polymerize polymerized)) and ((titanium aluminum steel) near3 reactor)) and	USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB;	2004/06/14 17:15
	1334137 85	polymerize polymerized)) and ((titanium aluminum steel) near3 reactor) construction (((olefin olefins) with (polymerization polymerize polymerized)) and ((titanium aluminum steel) near3 reactor)) and construction	USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO USPAT;	2004/06/14 17:15
	1334137 85	polymerize polymerized)) and ((titanium aluminum steel) near3 reactor) construction (((olefin olefins) with (polymerization polymerize polymerized)) and ((titanium aluminum steel) near3 reactor)) and construction (impeller agitator) and (((olefin	USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:15
	1334137 85 20	polymerize polymerized)) and ((titanium aluminum steel) near3 reactor) construction (((olefin olefins) with (polymerization polymerize polymerized)) and ((titanium aluminum steel) near3 reactor)) and construction (impeller agitator) and ((((olefin olefins) with (polymerization polymerize	USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO USPAT;	2004/06/14 17:15
	1334137 85 20	polymerize polymerized)) and ((titanium aluminum steel) near3 reactor) construction (((olefin olefins) with (polymerization polymerize polymerized)) and ((titanium aluminum steel) near3 reactor)) and construction	USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:15

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_	6 US-4211863-\$.DID. OR US-5183866-\$.DID. OR US-5387659-\$.DID. OR US-5565175-\$.DID. OR US-6042790-\$.DID. OR US-6239235-\$.DID.	USPAT	2004/06/14 17:18
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